



wintershall dea

MEXICO

WINTERSHALL DEA

# GLOBAL EXPERTISE FOR MEXICO'S ENERGY SECTOR

## Rising energy demand – oil dominates the energy mix

Energy demand in Latin America's second-largest economy is rising steadily. According to the International Energy Agency (IEA), Mexico's total energy demand has risen by a quarter since 2000, but its per capita energy consumption is still 40 per cent below the OECD average and leaves room for further growth.\*

The country has a fast-growing electricity sector and power generation with hydrocarbons remains higher than in many other IEA countries. Mexico's energy mix is dominated by oil, accounting for almost half of the country's total consumption. A special focus for oil production is on the Gulf of Mexico: the southern Sureste basin is considered the most promising and hydrocarbon-rich region in the country. Another interesting area for exploration and production is the Tampico Misantla basin, primarily located onshore in east central Mexico with extensions into the shallow Gulf waters.

\* Source: IEA Country profile Mexico 2020



Wintershall Dea is one of the top acreage holders in the Sureste Basin and ranks among the companies with the largest exploration areas in Mexico.

Wintershall Dea set foot in Mexico in 2017. The company has started exploring for and producing hydrocarbons in Mexico in 2018. Since then, the company has managed to establish itself as one of the leading international upstream companies in Mexico, with interests in licences in all phases of the E&P value chain.

With a 50 per cent share, Wintershall Dea has been the operator of the producing onshore oil field Ogarrio since 2018, with the Mexican state company Pemex holding the further stakes as a partner. In addition, Wintershall Dea has material interests in ten offshore exploration blocks located in the Gulf of Mexico, three of them as operator.

Wintershall Dea holds a significant interest in the Zama field, one of the world's largest shallow-water discoveries in recent times. Wintershall Dea's latest exploration and appraisal successes in Mexico include the two significant oil discoveries Polok and Chinwol in Block 29.

## Development of the world-class Zama discovery

Wintershall Dea holds 40 per cent of the offshore Block 7 in the Sureste basin. The licence contains a large part of the Zama discovery. With estimated recoverable gross resources of 400 to 800 million barrels of oil equivalent, the field is one of the world's largest shallow water discoveries of the past 20 years. The other Block 7 partners are operator Talos Energy and Harbour Energy.

In June 2019, the partners successfully completed the Zama appraisal programme in Block 7. Three appraisal wells were drilled to quantify the recoverable resources of the discovery. The most recent Zama-3 well confirmed the exceptional quality of the sands in the reservoir. The Zama discovery extends from Block 7 through a neighbouring block held and operated by Pemex. A unitisation process is currently ongoing and is expected to be finalised soon. Pursuant to this unitisation process, Wintershall Dea holds an initial 19.83% interest in the Zama project.

## Production from the Ogarrio oil field

Ogarrio is one of the first producing oil fields in Mexico, located in Tabasco. The oil field was discovered in 1957, with the main reservoirs located in different sandstone layers of the Encanto formation.

In 2018, Wintershall Dea took over operatorship in Ogarrio and since then is continuously performing workover, perforation and production optimisation activities in order to maintain and increase the production. With operational expertise, competence and agility, cross-boundary teams from Mexico and Germany work on the complex and comprehensive process to optimise the field's performance.

An important part of Wintershall Dea's work onsite lays in the implementation of sustainable social programs for the neighbouring population. Together with the Ogarrio communities, Wintershall Dea maintains various health and education programs and works in close cooperation with the local supply industry whilst also hiring local work force.

## Further exploration and development opportunities

Wintershall Dea's portfolio in Mexico includes a number of promising offshore exploration licenses. In the Sureste Basin, Wintershall Dea and its Block 29 partners Repsol (operator), Petronas and PTTEP made the two discoveries Polok and Chinwol in 2020, of which Polok has been successfully appraised in 2021.

Back in 2019, the Block 5 partnership (operator Murphy, Wintershall Dea and Petronas) drilled the successful Cholula exploration well. Seismic surveys were successfully performed in the own-operated Block 30. In a next step, Wintershall Dea plans to drill two exploration wells in this license, together with its partners Harbour Energy and Sapura OMV.

Furthermore, in the Tampico-Misantla Basin, Wintershall Dea is the operator of Block 16 and 17 and is partner of Pemex in the neighbouring Block 2

### Wintershall Dea in Mexico: at a glance

- Country entry: 2017
- Operatorships: 4
- Mexico's 2P oil reserves (2021): 11.47 billion barrels of oil\*\*
- Mexico's 2P gas reserves (2021): 20.39 trillion standard cubic feet\*\*

\*\* Source: National Hydrocarbons Commission, April 21<sup>st</sup>, 2021

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